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FIG. 1

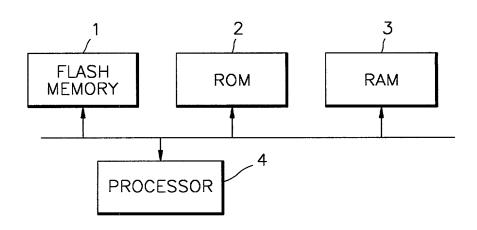
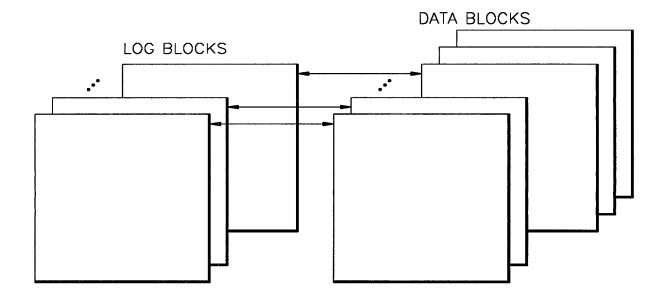
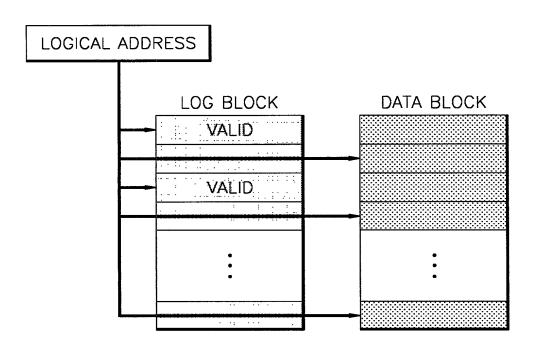


FIG. 2



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FIG. 3



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FIG. 4

FLASH MEMORY

MAP
LOG BLOCKS
DATA BLOCKS
FREE BLOCKS

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FIG. 5

FLASH MEMORY

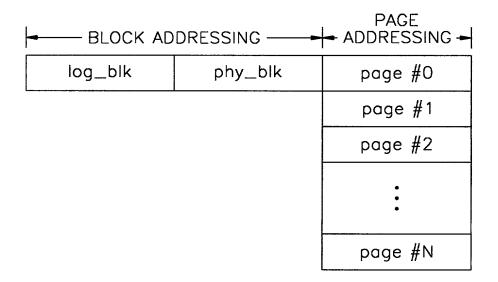
MAP
CHECK POINT
LOG BLOCKS
DATA BLOCKS
FREE BLOCKS

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FIG. 6

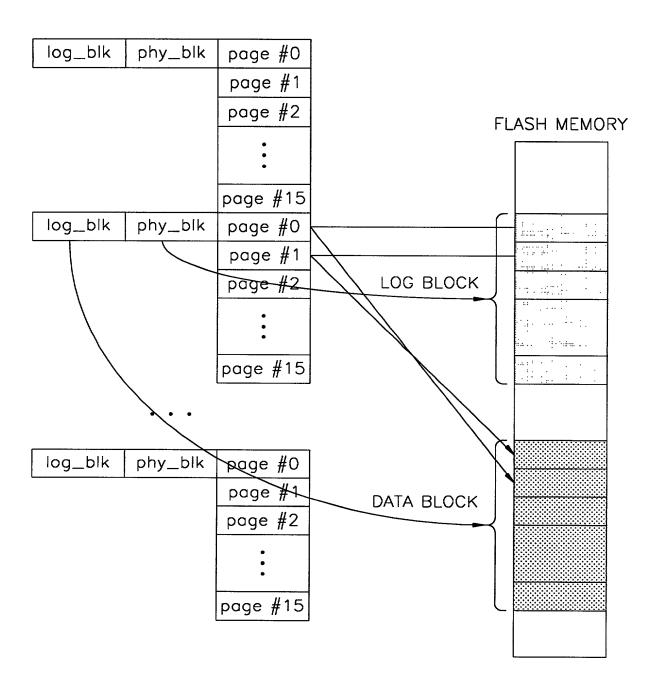
LOG POINTER TABLE ENTRY ENTRY ENTRY LOGICAL ADDRESS ENTRY ENTRY ENTRY

FIG. 7



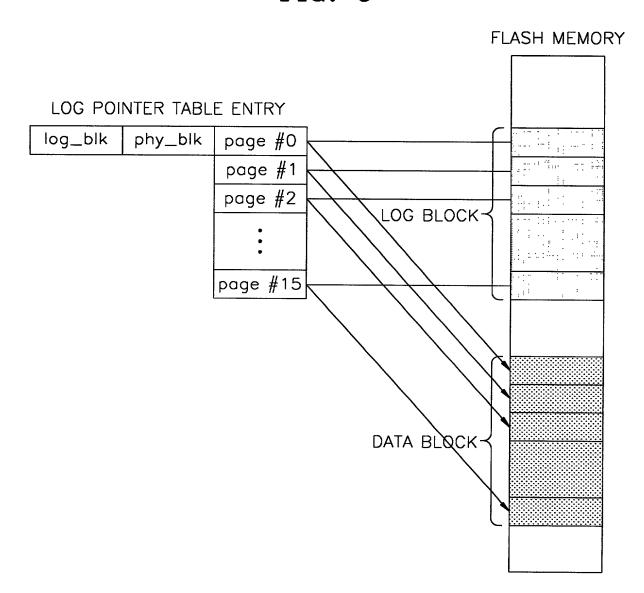
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FIG. 8



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FIG. 9



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FIG. 10

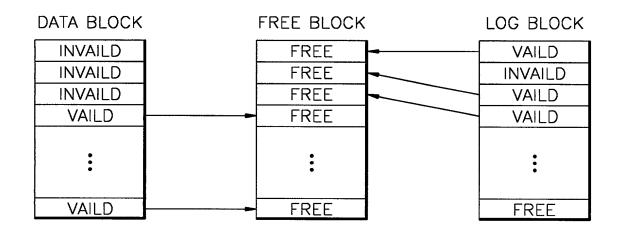
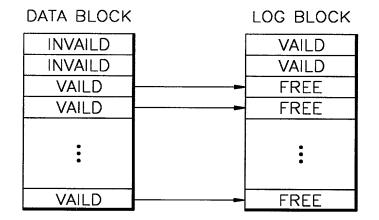
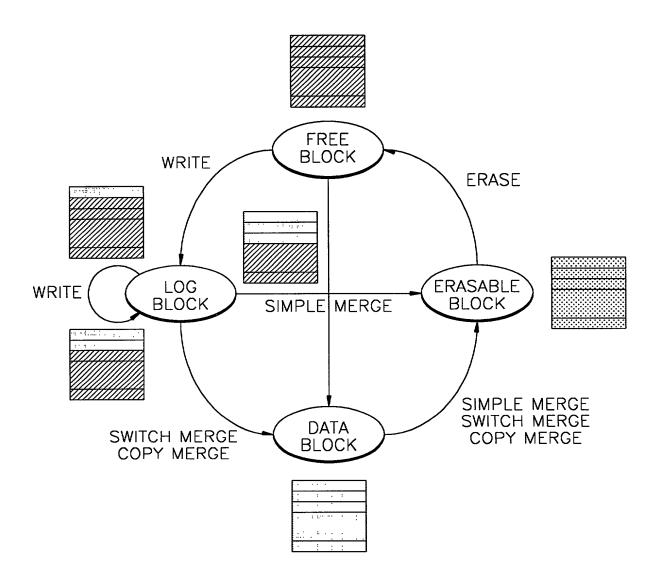


FIG. 11



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FIG. 12



FREE PAGE

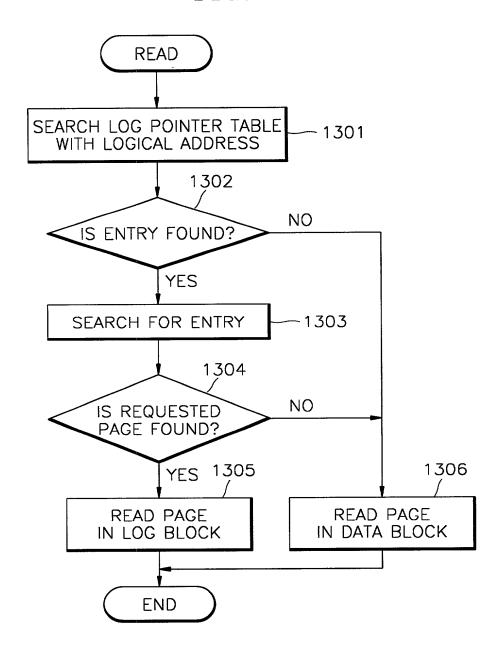
VALID PAGE

INVAILD PAGE

* f

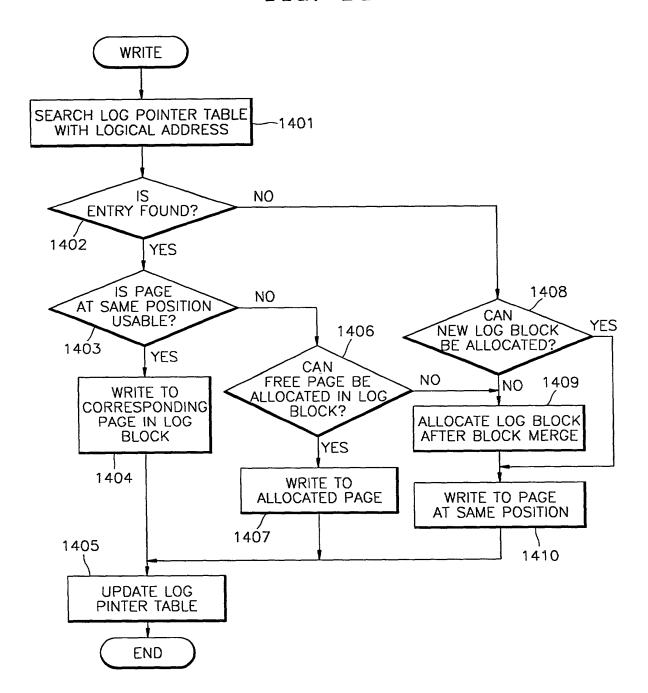
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FIG. 13



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FIG. 14



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FIG. 15

